

US EPA ARCHIVE DOCUMENT

Date Out: EFB: 05 OCT 1981

To: Product Manager 43 Critchlow  
TS-767

From Dr. Willa Garner III  
Chief, Review Section No. 1  
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: OE 2394

Chemical: Trifluralin

Type Product: Herbicide

Product Name: Treflan

Company Name: Elanco

Submission Purpose: 1R4 - minor use on rape seed and straw

ZBB Code: 3(c)(7)

ACTION CODE: 200

Date in: 10/2/81

EFB # 3

Date Completed: 05 OCT 1981

TAIS (level II)

Days

Deferrals To:

71

0.5

Ecological Effects Branch

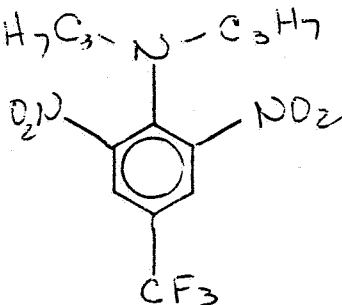
Residue Chemistry Branch

Toxicology Branch

## 1.0 INTRODUCTION

Residue Chemistry Branch has deferred to EFB for its concurrence the proposed minor use of trifluralin on rape seed and straw.

## 2.0 Treflan: trifluralin



alpha,alpha,alpha,-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine

## 3.0 DISCUSSION

The environmental fate of treflan is well known and is documented in the Trifluralin (Treflan) Position Document 1/2/3, August 22, 1979.

To summarize the environmental fate, trifluralin does not accumulate in soil even after repeated yearly treatments. Trifluralin is not expected to leach or run off treated areas; it is readily volatilized and photodegraded. The environmental fate of treflan N-nitroso contaminant, NDPA, is also known and is not expected to persist in the environment.

## 4.0 RECOMMENDATION

Based on the known environmental fate of treflan, EFB concurs with the proposed minor use of trifluralin on rape seed and straw.

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